

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Repair and Construction of UGD Pit and Pipeline in Ward No. 1 (Kuvempunagara), Vidyaranyapura Sub Division.

Estimate Cost: 1500000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2016-17	Cum							
	For Sanitary Line		1	200.00	1.00	1.50	300.00		
			1	143.00	1.00	1.50	214.50		
			1	150.00	1.00	1.50	225.00		
			1	180.00	1.00	1.50	270.00		
			1	165.00	1.00	1.50	247.50		
	Basic Rate	189.00					1257.00	312.78	393170.00
	Add loading and unloading Charges It No 17.1 KSRRB M 100-1	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 / km= 38.08	38.08							
		295.08							
	Area Weightage @ 6%	17.70							
	Total	312.78							
2	KSRB 11-18-1.1 : Providing and fixing sand cast iron soil waste and vent pipes 100mm dia with spun yarn soaked in cement slurry and cement mortar 1:2 including cost of materials, labour, testing complete as per specifications. KBS 11-1.10 Page No. 83, Item No. 12.47, PWD SR 2016-17	m							
	Sanitary Line		1	200.00			200.00		
			1	143.00			143.00		
			1	150.00			150.00		
			1	180.00			180.00		
			1	165.00			165.00		
							838.00	746.24	625349.00
	Basic Rate	704.00							
	Area Weightage @ 6%	42.24							
	Total	746.24							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
3	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. (P.No. 73/ I.No.11.50.1 of PWD SR	Nos.							
			35				35	9491.24	332193.00
	Basic Rate	8954.00							
	Area Weightage @ 6%	537.24							
	Total	9491.24							
	Sub Total								1350712.00
	KRIDL Charges @ 10%								135071.00
	Labour Cess @ 1%								13507.00
	Miscellaneous and other Charges	L/S							710.00
	Total								1500000.00
Rupees Fifteen Lakh(s) Only									

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2016-17.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidaryanapura Sub Division

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval

Accorded For Rs. Fifteen Lakh only
Head of A/C P-3295
CER NO : AS/20/18-19 DT 10.08.18

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CE (YNK)

TECHNICAL SANCTION	
Accorded For Rs.	Fifteen Lakh only
Head of A/c	P-3295
Div. Ref. No.	42/18-19
Date	10/08/18
EE(BTP)	